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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: MOMOI, et al.  
Serial No.: 10/716,485  
Filed: November 20, 2003  
For: POSITION MEASURING APPARATUS  
Group: 3731  
Examiner: Vi X Nguyen  
Conf. No.: 6677

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

January 19, 2011

Sir:

In response to the Office Action dated October 19, 2010, please amend the  
above-identified application as listed below and as set forth on the following pages:

**Amendments to the Claims**

**Remarks** are included following the amendments.